



SEQUENCE LISTING

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<120> NOVEL PEPTIDE INHIBITOR OF HIV FUSION THAT DISRUPTS THE INTERNAL TRIMERIC COILED-COIL OF GP41

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<140> 10/544,115
<141> 2005-08-01

<150> PCT/US04/03794
<151> 2004-02-10

<150> 60/446,255
<151> 2003-02-11

<160> 4

<170> PatentIn Ver. 3.3

<210> 1
<211> 36
<212> PRT
<213> Human immunodeficiency virus type 1

<400> 1
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Gln Gln His Leu Leu Gln Leu Thr Val Trp Gly Ile Lys Gln Leu Gln
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Ala Arg Ile Leu
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<210> 2
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<212> PRT
<213> Human immunodeficiency virus type 1

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Trp Met Glu Trp Asp Arg Glu Ile Asn Asn Tyr Thr Ser Leu Ile His
1 5 10 15

Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu
20 25 30

Leu Leu

<210> 3
<211> 36
<212> PRT
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic peptide

<400> 3
Ser Gly Ile Asp Gln Glu Gln Asn Asn Leu Thr Arg Leu Ile Glu Ala
1 5 10 15
Gln Ile His Glu Leu Gln Leu Thr Gln Trp Lys Ile Lys Gln Leu Leu
20 25 30
Ala Arg Ile Leu
35

<210> 4
<211> 36
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 4
Ser Gly Ile Val Gln Gln Leu Asn Asn Gln Leu Arg Ala Glu Glu Ala
1 5 10 15
Asn Gln His Leu Glu Gln Leu Ser Val Trp Gly Ser Lys Gln Asn Gln
20 25 30
Ala Arg Arg Leu
35